BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Estimate Cost Rs. 2500000.00

Name of Work: Detailed Estimate for the work of Construction of lead of drain to SWD in ward no - 02 of yelahanka sub division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 SR 2018-								
		Cum							
	New Drains								
			1	300.00	1.05	0.95	299.25		
							299.25	316.94	94844.00
	Basic Rate Rs	299.00							
	Add Area Weightage @ 6%	17.94							
	Total	**316.94**							
2	KSRB4.1.3: Providing and laying position plain cement concrete of Mix 1:4:8 with OPC cement @180Kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed , concrete laid in layers not exeecding 15 cms, thick, well compacted , in foundation , including cost of all materials, Labour , HOM of Machinery, Curing complete as per Specifications. Specifications No. KBS 4.1, 4.2 (P12/4.3). SR 2018-19								
	New Drains								
			1	300.00	1.05	0.15	47.25		
							47.25	5408.12	255534.00
	Basic Rate	5102.00							
	Area Weightage @ 6%	306.12							
	Total	**5408.12**							
3	Providing and laying Plain /reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0.69 cum and fine aggregate at 0.43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc.completeexcluding cost of steel as per MORTH specification No.1500,1700,2200 Page No 271 Ite mo 37.59.2 SR 2018-19 (wall and bottom thickness 15cm.								
		Cum							
	Bottom raft								
			1	300.00	0.75	0.15	33.75		
	Side wall								
			2	300.00	0.15	0.75	67.50		
							101.25	7070.20	715858.00

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Basic Rate	6670.00							
Add Area Weightage @ 6%	400.20							
Total	**7070.20**							
KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. TMT bars Fe 500 KBS 4.6.3 Page No. 18/ Item No. 4.46/ PWD SR 2018-19								
	Tonne							
for Drain 50kg/cum		1	101.25	50.00		5062.50		
Total						**5062.50**		
						5.06	75223.96	380821.00
Basic Rate	70966.00							
Add Area Weightage @ 6%	4257.96							
Total	**75223.96**							
Supplying and fixing **precast** rainforced concrete slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.(Drain covering slab)								
	Sqm							
		1	300.00	0.75		225.00		
		1	45.00	0.75		33.75		
						258.75	2337.00	604699.00
Data rate	2337.00							
Providing precast slab of 250 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge-								
	Sqm							
covering slab for existing swd drain		1	6.35	5.20		33.02		
Data rate	5418.00					**33.02**	5418.00	**178902.00**
						Sub total		2230658.00
GST of 12% as per Govt Letter No PWD 65 RDF 2017 Dated 11-10-2018								267678.96

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Miscellaneous and unforeseen charges	Ls							1663.04
							Total	2500000.00

(Rupees Twenty five lakhs Only)

CERTIFICATE

The work spot has been inspected and the work is found necessary.

This estimate is prepared as per C.S.R. of 2018-19

The provisions were made in this estimate are necessary and adequate.

This works come under B.B.M.P. limits.

Assistant Engineer

Executive Engineer
Yelahanka Division
Bangalore-64

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Administrative Approval

Accorded For Rs 25 lakhs only
Head of A/C P 3297
CER NO :.... 104/1879 Dt: 08.01.2019

TA CE (YNK)

Technical Sanction

Accorded For Rs 25 lakhs only
Head of A/C P 3297
CER NO :.... 193/1849 Dt: 08.01.2019

TA CE (YNK)